Complete Summary

TITLE

Diagnosis of breast disease: percentage of class 4 or class 5 abnormal mammograms that are followed by a biopsy within 7 to 10 days.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis of breast disease. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2008 Jan. 47 p. [63 references]

Measure Domain

PRIMARY MEASURE DOMAIN

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the Measure Validity page.

SECONDARY MEASURE DOMAIN

Does not apply to this measure

Brief Abstract

DESCRIPTION

This measure is used to assess the percentage of class 4 or class 5 abnormal mammograms that are followed by a biopsy within 7 to 10 days.

RATIONALE

The priority aim addressed by this measure is to reduce the length of time between first knowledge of a breast abnormality and diagnostic resolution.

PRIMARY CLINICAL COMPONENT

Breast disease; mammogram abnormality; biopsy; timing

DENOMINATOR DESCRIPTION

Total number of patients with an abnormal mammogram undergoing biopsy

NUMERATOR DESCRIPTION

Total number of patients within 7 to 10 days between the first documentation of a mammogram abnormality and a completed biopsy for all records reviewed

Evidence Supporting the Measure

EVIDENCE SUPPORTING THE CRITERION OF QUALITY

- A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Diagnosis of breast disease.](#)

Evidence Supporting Need for the Measure

NEED FOR THE MEASURE

Unspecified

State of Use of the Measure

STATE OF USE

Current routine use

CURRENT USE

Internal quality improvement

Application of Measure in its Current Use

CARE SETTING

Physician Group Practices/Clinics

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

TARGET POPULATION AGE

Age less than or equal to 74 years

TARGET POPULATION GENDER

Female (only)

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component

INCIDENCE/PREVALENCE

Unspecified

ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

BURDEN OF ILLNESS

Unspecified

UTILIZATION

Unspecified

COSTS

Unspecified

Institute of Medicine National Healthcare Quality Report Categories

IOM CARE NEED

Getting Better

IOM DOMAIN

Effectiveness
Patient-centeredness
Timeliness

CASE FINDING

Users of care only

DESCRIPTION OF CASE FINDING

Women through age 74 with biopsy for possible diagnosis of breast cancer

A list of all patients with breast biopsies for mammogram abnormalities during the previous target period. The medical records can be reviewed to determine the number of days between first documentation of an abnormal mammogram and completion of a biopsy.

Data may be collected semiannually.

DENOMINATOR SAMPLING FRAME

Patients associated with provider

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions
Total number of patients with an abnormal mammogram undergoing biopsy

Exclusions
Unspecified

RELATIONSHIP OF DENOMINATOR TO NUMERATOR

All cases in the denominator are equally eligible to appear in the numerator

DENOMINATOR (INDEX) EVENT

Clinical Condition
Diagnostic Evaluation

DENOMINATOR TIME WINDOW

Time window is a single point in time

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions
Total number of patients within 7 to 10 days between the first documentation of a mammogram abnormality and a completed biopsy for all records reviewed

Exclusions
Unspecified

MEASURE RESULTS UNDER CONTROL OF HEALTH CARE PROFESSIONALS, ORGANIZATIONS AND/OR POLICYMAKERS

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

NUMERATOR TIME WINDOW

Fixed time period

DATA SOURCE

Medical record

LEVEL OF DETERMINATION OF QUALITY

Individual Case

PRE-EXISTING INSTRUMENT USED

Unspecified

Computation of the Measure

SCORING

Rate

INTERPRETATION OF SCORE

Better quality is associated with a higher score

ALLOWANCE FOR PATIENT FACTORS

Unspecified

STANDARD OF COMPARISON

Internal time comparison

Evaluation of Measure Properties

EXTENT OF MEASURE TESTING

Unspecified

ORIGINAL TITLE

Percentage of class 4 or class 5 abnormal mammograms that are followed by a biopsy within 7-10 days.

MEASURE COLLECTION

Diagnosis of Breast Disease Measures

DEVELOPER

Institute for Clinical Systems Improvement

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2003 Nov

REVISION DATE

2008 Jan

MEASURE STATUS

This is the current release of the measure.

This measure updates a previous version: Institute for Clinical Systems Improvement (ICSI). Diagnosis of breast disease. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2005 Nov. 51 p.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis of breast disease. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2008 Jan. 47 p. [63 references]

MEASURE AVAILABILITY

The individual measure, "Percentage of class 4 or class 5 abnormal mammograms that are followed by a biopsy within 7-10 days," is published in "Health Care Guideline: Diagnosis of Breast Disease." This document is available from the Institute for Clinical Systems Improvement (ICSI) Web site.

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: www.icsi.org; e-mail: icsi.info@icsi.org.

NQMC STATUS

This NQMC summary was completed by ECRI on May 26, 2004. This NQMC summary was updated by ECRI Institute on December 15, 2005 and again on March 20, 2008.

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Readers with questions regarding measure content are directed to contact the measure developer.

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